

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2591**  
TO BE ANSWERED ON 01.12.2016

**GENERATION OF SOLAR ELECTRICITY**

2591. SHRI BAIJAYANT JAY PANDA:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government has developed its plans further towards generating 100 GW of solar electricity by the year 2022;
- (b) if so, the details thereof;
- (c) whether any progress has been made in evolving a concrete renewable energy strategy and policy by the Government; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL, NEW AND RENEWABLE ENERGY & MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

**(a)&(b):** Government has planned to achieve 100 GW of solar capacity installation by 2022 through installation of projects under various schemes. The schemes launched by Ministry of New and Renewable Energy (MNRE) are given at Annexure. The year-wise breakup is given below.

<b>Year/Category</b>	<b>Total (Roof Top Solar &amp; Large scale solar together)</b>
<b>2015-16</b>	2,000
<b>2016-17</b>	12,000
<b>2017-18</b>	15,000
<b>2018-19</b>	16,000
<b>2019-20</b>	17,000
<b>2020-21</b>	17,500
<b>2021-22</b>	17,500
<b>Total</b>	<b>97,000*</b>

\*3,743 MW commissioned upto 2014-15.

**(c)&(d):** The Government has formulated an Integrated Energy Policy (IEP) covering all sources of energy including renewable energy sources. The IEP document gives a roadmap to develop energy supply options and increased exploitation of renewable energy sources. In addition, for promotion of Renewable Energy, Government has amended the National Tariff Policy for electricity in January 2016. By this amendment several provisions for promotion of renewable energy have been made.

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**ANNEXURE REFERED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED  
QUESTION NO. 2591 FOR 01.12.2016.**

- (I) Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects.
- (II) Scheme for Development of Solar PV Power Plants on Canal Banks/ Canal Tops.
- (III) Scheme for setting up of 300 MW of Grid connected Solar PV Power Projects by Defence Establishments under Ministry of Defence and Para Military Forces with Viability Gap Funding (VGF) under Batch-IV of Phase-II/III of National Solar Mission.
- (IV) Implementation of scheme for setting up of 1000 MW of Grid- Connected Solar PV Power Projects by CPSUs with VGF under Batch-V of Phase-II of JNNSM.
- (V) Implementation of Scheme for Setting up of 15000 MW of Grid connected Solar PV Power Projects under Batch II of Phase II of National Solar Mission (by NTPC/NVVN)
- (VI) Setting up of 2000 MW Grid connected solar power with VGF through Solar Energy Corporation of India (SECI)
- (VII) Development of Solar Cities Programme
- (VIII) Scheme for Development of Solar Zones in the country.